

Abstract Submitted  
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**Preliminary cross section and  $F_2$  structure function results from E12-10-002 in 12 GeV era at Jefferson Lab**<sup>1</sup> ABEL SUN, Carnegie Mellon University — Measurements of  $H(e,e')$  and  $D(e,e')$  cross sections were done at Jefferson Lab in experimental Hall C in Spring 2018. As part of the 12 GeV early running, we took data to explore a wide range in Bjorken  $x$  and to reach a four-momentum transfer  $Q^2$  of up to  $17 \text{ GeV}^2$ . In this talk, I will show the preliminary cross section and  $F_2$  structure function results of our analysis and I will discuss the upcoming physics output.

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